

## CLAIMS:

1. A method of providing position information of at least a first mobile terminal (2) to at least a second mobile terminal (4), wherein the first and second mobile terminals (2,4) are part of a mobile network (6), and wherein the mobile network (6) comprises position determining means (8) to determine the position information of the first mobile terminal (2), wherein the first and second mobile terminals (2,4) are not necessarily communicating with each other, the method comprising the steps of:

- determining the position information of the first mobile terminal (2) by the position determining means (8),
- transmitting the position information by the mobile network (6) to the second mobile terminal (4).

2. The method according to claim 1, wherein the first and second mobile terminals (2,4) are subscribed to a position information providing service offered by the mobile network (6).

3. The method according to claim 1 or 2, wherein the position information is determined and transmitted at the second mobile terminal's (4) request.

4. The method according to claim 3, wherein the second mobile terminal (4) comprises a database with entries for mobile terminals, and wherein the second mobile terminal (4) is arranged for requesting the position information for at least part of the mobile terminals included in the database.

5. The method according to any of claims 1-4, wherein the position information comprises the absolute position of the first mobile terminal (2).

6. The method according to claim 5, wherein the second mobile terminal (4) comprises a compass or a GPS-receiver for providing further position information of the second mobile terminal (4), and wherein the second mobile terminal (4) comprises means for

determining the relative position of the first mobile terminal (2) with respect to the second mobile terminal (4) from the position information and the further position information.

7. The method according to any of claims 1-4, wherein the position information  
5 comprises the relative position of the first mobile terminal (2) with respect to the second mobile terminal (4).

8. A mobile transmission system (1) comprising a mobile network (6) with at  
least a first mobile terminal (2) and at least a second mobile terminal (4), wherein the first  
10 and second mobile terminals (2,4) are not necessarily communicating with each other, and wherein the mobile network (6) comprises position determining means (8) to determine a position information of the first mobile terminal (2), wherein the position information is transmitted by the mobile network (6) to the second mobile terminal (4).

9. A mobile terminal (4) for conducting communications over a mobile network  
15 (6), wherein the mobile terminal (4) is arranged for receiving a position information of at least one other mobile terminal (2) from the mobile network, and wherein the mobile terminal (4) is not necessarily communicating with the at least one other mobile terminal (2).